

## **VE809**

HDMI Wireless Extender (1080p@30m)



The VE809 HDMI Wireless Extender extends your HDMI display up to 30 m\* from the HDMI source using wireless technology. Easily connect two HDMI devices to an HDTV wirelessly with crystal clear image quality capable of streaming Full 1080p with 5.1 channel digital audio and 3D technology. The IR remote control allows you to switch between HDMI source devices from the receiver side, remotely; and allows you to watch a local and wirelessly connected HDTV- simultaneously. The VE809 consists of a wireless audio/ video transmitter and receiver. Consolidate your HDMI electronics and use the VE809 as a wireless 2-port HDMI switch to connect remote devices such as Blu-ray players and HD Cable boxes to design your own custom wireless entertainment space.

Note: Connecting additional HDMI switches, splitters, or extenders can decrease the audio signal's strength and quality







## Features

- Wirelessly extend an HDMI display up to 30 m from the HDMI source\*
- Setup two HDTVs and view HD content on two HDTVs simultaneously\*
- Uncompressed full HD 1080p video wireless transmission
- · Connect and transmit wireless video content from your Bluray DVD player, HD Cable box or other HDMI device wirelessly
- Wireless 3D Supported
- Wireless HD in Full 1080p
- Supports audio formats digital audio LPCM 7.1 channels, Dolby Digital and DTS Digital 5.1 channels
- Superior video quality 480p, 720p, 1080i and 1080p
- Keep home theater electronic devices neatly out-of-sight
- Built-in IR receiver allows control of source devices from the remote side
- No software or driver installation needed
- HDCP compatible
- Based on WHDITM Technology Low latency < 1ms
  - \* Distance may vary depending on environment; solid objects such as steel, concrete and brick may view shorter distances.

#### **Specifications**

Function	VE809R	VE809T		
Video Input				
Interfaces	N/A	2 x HDMI Type A Female (Black)		

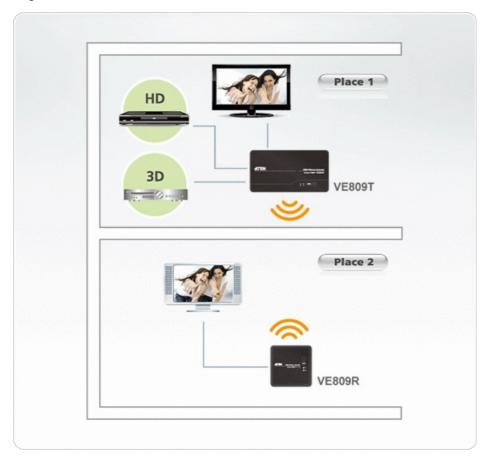


Max. Data Beauting         N/A         100 Ω           Max. Data Beauting         1 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Impedance         100 Ω         100 Ω           Max. Data Bata Bata Bata Bata Bata Bata Bata			
Distance         Interfaces         1 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Impedance         100 Ω         100 Ω         3 m           Max. Data Rate         6.75 Gbps (2.25 Gbps Per Lane)         6.75 Gbps (2.25 Gbps Per Lane)           Max. Pata Patale         6.75 Gbps (2.25 Gbps Per Lane)         6.75 Gbps (2.25 Gbps Per Lane)           Max. Pata Patale         225 MHz         225 MHz           Compliance         HDMI (3D) HDCP Compatible         HDMI (3D) HDCP Compatible           Max. Resolutions / Distance         Up to 1080p@30m         Up to 1080p@30m           Audio         1 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Output         1 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Coreumption         DCSV-8.89W-31BTUh         Note:	Impedance	N/A	100 Ω
Interfaces   1 x HDMI Type A Female (Black)   1 x HDMI Type A Female (Black)		N/A	3 m
Max	Video Output		
Nax. Distance   3 m	Interfaces	1 x HDMI Type A Female (Black)	1 x HDMI Type A Female (Black)
Distance         Compliance         6.75 Gbps (2.25 Gbps Per Lane)           Max. Data Rate         6.75 Gbps (2.25 Gbps Per Lane)         6.75 Gbps (2.25 Gbps Per Lane)           Max. Pixel Clock         225 MHz         225 MHz           Compliance         HDMI (3D) HDCP Compatible         HDMI (3D) HDCP Compatible           Max. Rixel Resolutions / Distance         Up to 1080p@30m         Up to 1080p@30m           Audio         1nput         N/A         2 x HDMI Type A Female (Black)           Output         1 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Power Onsumption         DCSV:7.658W:31BTU/h Note:	Impedance	100 Ω	100 Ω
Max. Data   Rate   6.75 Gbps (2.25 Gbps Per Lane)   6.75 Gbps (2.25 Gbps Per Lane)		3 m	3 m
Rate         Max. Pixel Clock         225 MHz         225 MHz           Compliance         HDMI (3D) HDCP Compatible         HDMI (3D) HDCP Compatible           Max. Resolutions / Distance         Up to 1080p@30m         Up to 1080p@30m           Audio         Up to 1080p@30m         Up to 1080p@30m           Input         N/A         2 x HDMI Type A Female (Black)           Output         1 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Power Consumption         DC5V:6.58W:31BTU/h         DC5V:7.84W:37BTU/h           Note:	Video		
Clock         HDMI (3D) HDCP Compatible         HDMI (3D) HDCP Compatible           Max. Resolutions / Distance         Up to 1080p@30m         Up to 1080p@30m           Audio         Up to 1080p@30m         Up to 1080p@30m           Input         N/A         2 x HDMI Type A Female (Black)           Output         1 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Power Consumption         DC5V:6.58W:31BTU/h         DC5V:7.84W:37BTU/h           Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.         Note: • The measurement in bTU/h indicates the power consumption of the device when it is fully loaded.           Environmental         O - 40°C         0 - 40°C           Storage Temperature         -20 - 60°C         -20 - 60°C           Humidity         0 - 80% RH, Non-Condensing         0 - 80% RH, Non-Condensing           Physical Properties         Plastic         Plastic           Weight         0.12 kg (0.28 lb)         0.20 kg (0.45 lb)           Dimensions (L x W x H)         2.50 x 9.50 x 3.15 cm (3.74 x 3.74 x 1.24 in.)         18.20 x 9.65 x 3.15 cm (7.17 x 3.8 x 1.24 in.)		6.75 Gbps (2.25 Gbps Per Lane)	6.75 Gbps (2.25 Gbps Per Lane)
HDCP Compatible  HDCP Compatible  HDCP Compatible  Up to 1080p@30m  Up to 1080p@30m  Up to 1080p@30m  Up to 1080p@30m  Audio  Input  N/A  2 x HDMI Type A Female (Black)  1 x HDMI Type A Female (Black)  DC5V:6.58W:31BTU/h  Note:  The measurement in Watts indicates the typical power consumption of the device with no external loading.  The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.  Environmental  Operating Temperature  O- 40°C  Storage Temperature  1-20 - 60°C  -20 - 60°C  -20 - 60°C  Humidity  0 - 80% RH, Non-Condensing  Plastic  Plastic  Plastic  Plastic  Dimensions (L x W x H)  9.50 x 9.50 x 3.15 cm (7.17 x 3.8 x 1.24 in.)  Up to 1080p@30m  Up to 1080p@30m  Up to 1080p@30m  Up to 1080p@30m  Do 1080p@30m  Up to 1080p@30m  Do 1080p@30m  Do 1080p@30m  Do 1080p@30m  Do 1080p@30m  Dimensions (L x W x H)  Up to 1080p@30m  Up to 1080p@30m  Do 2 x HDM 1 Type A Female (Black)  Do 1080p@30m  Do 1080p@30m  Do 2 x HDMI Type A Female (Black)  Do 1080p@30m  Do 1080p  Do 1080p		225 MHz	225 MHz
Resolutions / Distance	Compliance		
Input N/A 2 x HDMI Type A Female (Black)  Output 1 x HDMI Type A Female (Black)  Power Consumption  DC5V:6.58W:31BTU/h  Note:  • The measurement in Watts indicates the typical power consumption of the device with no external loading.  • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.  Environmental  Operating Temperature  Storage -20 - 60°C  Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing  Physical Properties  Housing Plastic  Plastic  Plastic  Plastic  0.20 kg (0.45 lb)  DC5V:7.84W:37BTU/h  Note:  • The measurement in Watts indicates the typical power consumption of the device with no external loading.  • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.  Po - 40°C  -20 - 60°C  -20 - 60°C  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  O.20 kg (0.45 lb)  Dimensions (L x W x H)  9.50 x 9.50 x 3.15 cm (7.17 x 3.8 x 1.24 in.)	Resolutions /	Up to 1080p@30m	Up to 1080p@30m
Output 1 x HDMI Type A Female (Black) 1 x HDMI Type A Female (Black)  Power Consumption Consumption DC5V:6.58W:31BTU/h  Note:  ● The measurement in Watts indicates the typical power consumption of the device with no external loading.  ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.  Environmental  Operating Temperature 0 - 40°C  Storage Temperature 1 - 20 - 60°C  Humidity 0 - 80% RH, Non-Condensing	Audio		
Power Consumption       DC5V:6.58W:31BTU/h       DC5V:7.84W:37BTU/h         Note:	Input	N/A	2 x HDMI Type A Female (Black)
Consumption       Note: <ul> <li>The measurement in Watts indicates the typical power consumption of the device with no external loading.</li></ul>	Output	1 x HDMI Type A Female (Black)	1 x HDMI Type A Female (Black)
Note:		DC5V:6.58W:31BTU/h	DC5V:7.84W:37BTU/h
Operating Temperature         0 - 40°C         0 - 40°C           Storage Temperature         -20 - 60°C         -20 - 60°C           Humidity         0 - 80% RH, Non-Condensing         0 - 80% RH, Non-Condensing           Physical Properties         Housing         Plastic           Weight         0.12 kg ( 0.28 lb )         0.20 kg ( 0.45 lb )           Dimensions (L x W x H)         9.50 x 9.50 x 3.15 cm ( 7.17 x 3.8 x 1.24 in.)           (7.17 x 3.8 x 1.24 in.)         (7.17 x 3.8 x 1.24 in.)	Consumption	The measurement in Watts indicates the typical power consumption of the device with no external loading.  The measurement in BTU/h indicates the power	<ul> <li>The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>The measurement in BTU/h indicates the power</li> </ul>
Temperature         -20 - 60°C         -20 - 60°C           Humidity         0 - 80% RH, Non-Condensing         0 - 80% RH, Non-Condensing           Physical Properties         Plastic         Plastic           Weight         0.12 kg ( 0.28 lb )         0.20 kg ( 0.45 lb )           Dimensions (L x W x H)         9.50 x 9.50 x 3.15 cm ( (3.74 x 3.74 x 1.24 in.)         18.20 x 9.65 x 3.15 cm ( 7.17 x 3.8 x 1.24 in.)	Environmental		
Temperature       Humidity       0 - 80% RH, Non-Condensing         Physical Properties         Housing       Plastic       Plastic         Weight       0.12 kg ( 0.28 lb )       0.20 kg ( 0.45 lb )         Dimensions (L x W x H)       9.50 x 9.50 x 3.15 cm (3.74 x 3.74 x 1.24 in.)       18.20 x 9.65 x 3.15 cm (7.17 x 3.8 x 1.24 in.)		0 - 40°C	0 - 40°C
Physical Properties           Housing         Plastic           Weight         0.12 kg ( 0.28 lb )         0.20 kg ( 0.45 lb )           Dimensions (L x W x H)         9.50 x 9.50 x 3.15 cm (3.74 x 3.74 x 1.24 in.)         18.20 x 9.65 x 3.15 cm (7.17 x 3.8 x 1.24 in.)		-20 - 60°C	-20 - 60°C
Housing Plastic Plastic  Weight 0.12 kg ( 0.28 lb ) 0.20 kg ( 0.45 lb )  Dimensions (L x W x H) (3.74 x 3.74 x 1.24 in.) 18.20 x 9.65 x 3.15 cm (7.17 x 3.8 x 1.24 in.)	Humidity	0 - 80% RH, Non-Condensing	0 - 80% RH, Non-Condensing
Weight       0.12 kg ( 0.28 lb )       0.20 kg ( 0.45 lb )         Dimensions (L x W x H)       9.50 x 9.50 x 3.15 cm (7.17 x 3.8 x 1.24 in.)       (7.17 x 3.8 x 1.24 in.)	Physical Propert	ies	
Dimensions (L x W x H) 9.50 x 9.50 x 3.15 cm (3.74 x 3.74 x 1.24 in.) 18.20 x 9.65 x 3.15 cm (7.17 x 3.8 x 1.24 in.)	Housing	Plastic	Plastic
(L x W x H) (3.74 x 3.74 x 1.24 in.) (7.17 x 3.8 x 1.24 in.)	Weight	0.12 kg ( 0.28 lb )	0.20 kg ( 0.45 lb )
Carton Lot 5 pcs 5 pcs			
	Carton Lot	5 pcs	5 pcs



Control				
IR	1 x 2.5mm Mini Stereo Jack Female (Black)	1 x 2.5mm Mini Stereo Jack Female (Black)		
Connectors				
Power	1 x DC Jack (Mini USB)	1 x DC Jack		
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.			

### Diagram



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